



Starship Child Health Trauma Service Quarterly Report

Q3. (July - September) 2022

Executive Summary

The total number of trauma admissions and major trauma admissions in the third quarter of 2022 is up compared to 2021. There was also an increase in median length of stay for those admitted with trauma but the length of stay for those admitted to PICU has decreased.

Trauma admissions by month

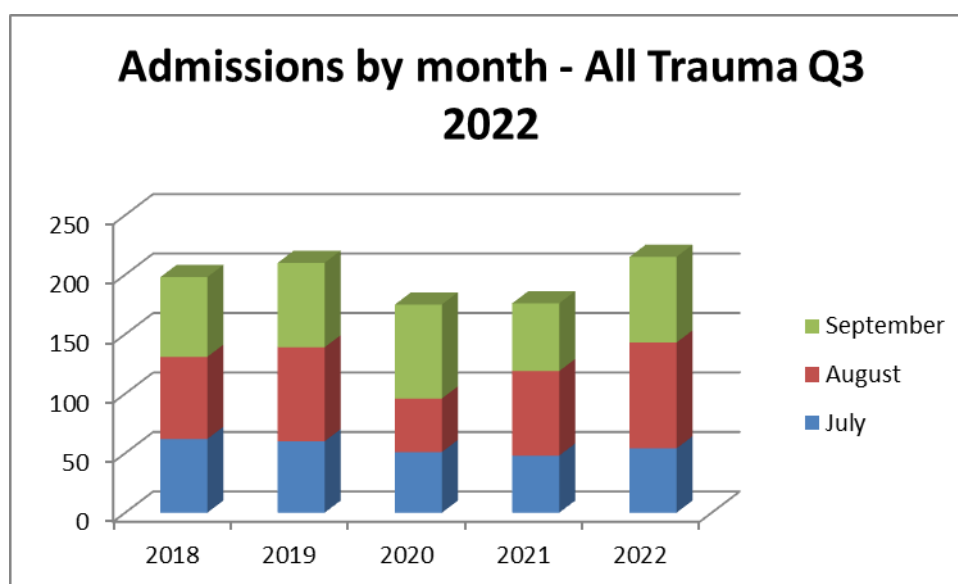


Fig. 1.

- At Starship major trauma is defined as either: -
- 1) Having an injury severity score (ISS) of >15 (AIS '98)
 - 2) Admission to intensive care as a result of injury
 - 3) Death in hospital from injury

Note: - As of 1st January 2020 all hanging and drowning related admissions are included in the Starship trauma registry.

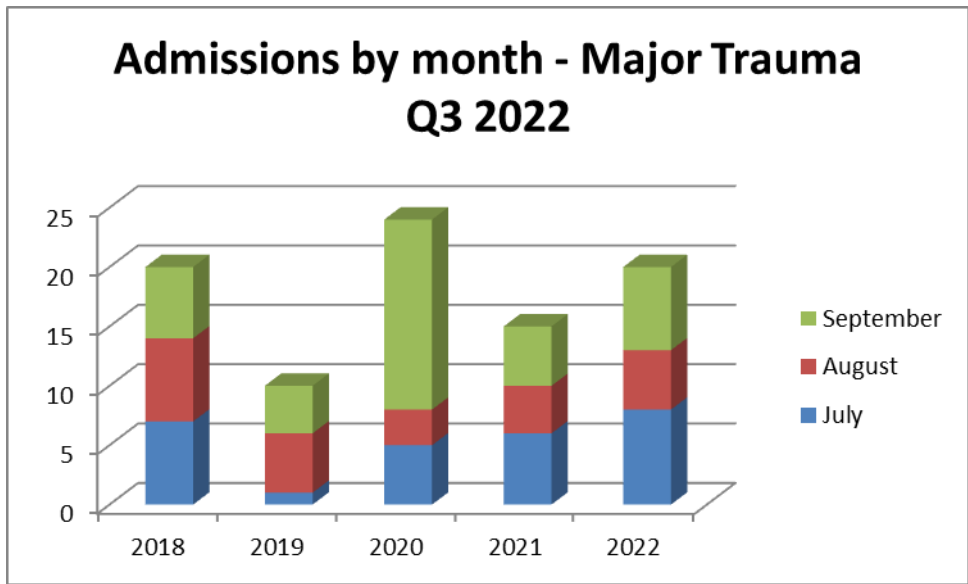


Fig 2.

As previously mentioned there has been an increase in all trauma admissions as well as those with major trauma. This may be in part due to the relaxation of social restrictions that had been in place previously due to the COVID pandemic. During the 3rd quarter of 2022 there was one death from trauma which was CNS related.

Length of Stay and Injury Severity Score

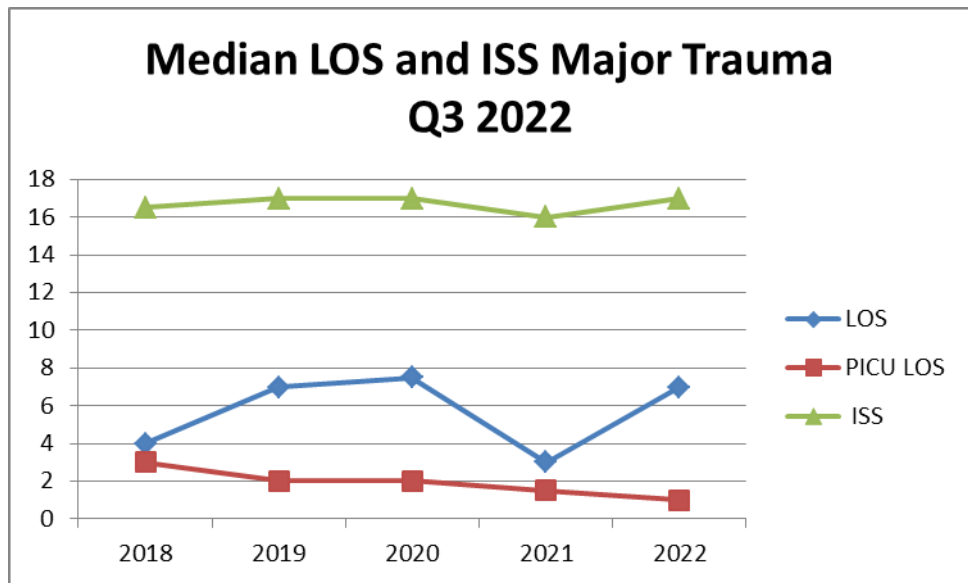


Fig 3.

In keeping with the increase in trauma admissions and major trauma admissions the median LOS and ISS have also increased. Median PICU LOS has dropped for a 2nd successive year and has not increased in any of the past 5 years.

Please note – At time of writing one major trauma admission remains an inpatient at Starship.

Cause of Major Trauma

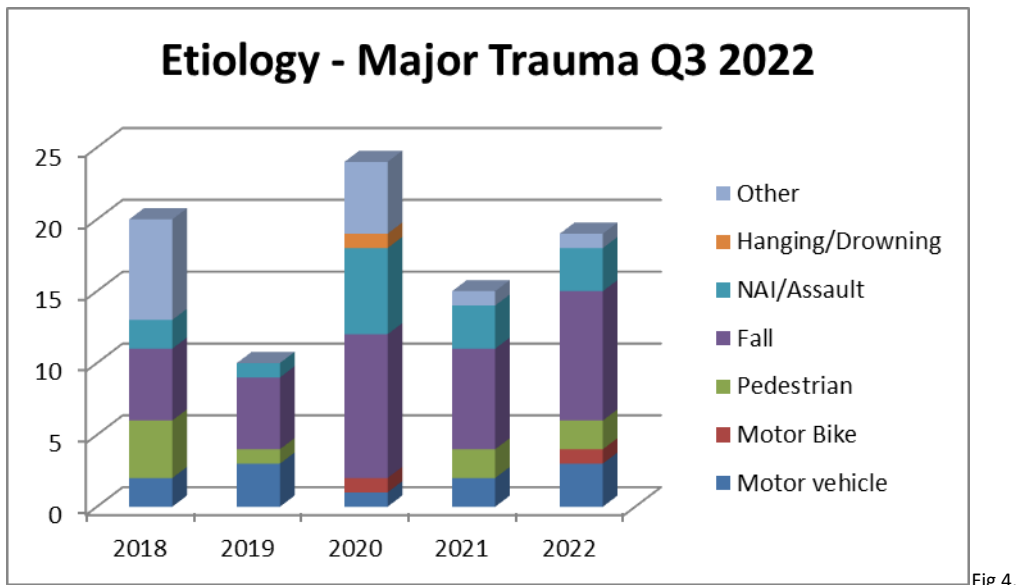


Fig 4.

Falls are predominantly the most common cause of major trauma admissions in the 3rd quarter of the past 5 years. Motor vehicle occupant and motor bike admissions are slightly up on last year, whilst the number of pedestrians injured is comparable to 2021.

Major Trauma Transfers

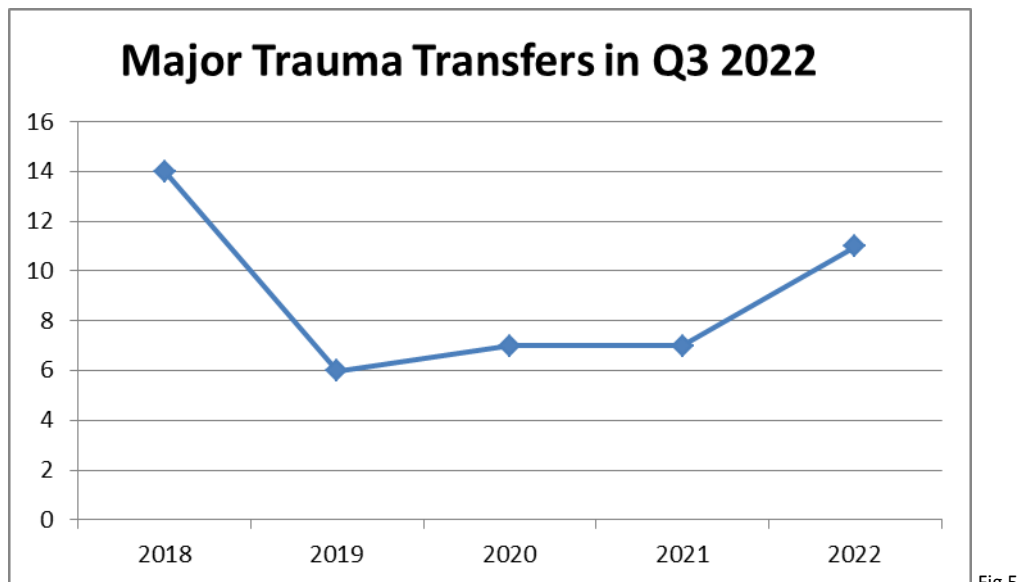


Fig 5.

In keeping with the increase in major trauma admissions, the number of major trauma patients transferred to Starship has risen in the 3rd quarter of 2022 compared to the previous 3 years. Again this may be in part due to the restrictions in place previously during to the COVID pandemic.

Report compiled on 4th November 2022 by:

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